



SDS# 2001-E
Product Code: GSMC
Date of Preparation: 10/02/17

Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: Spectro® Motorcycle Premix

Product Code: GSMC

Product Use: 2 Cycle Engine Lubricant

Restrictions on Use: Use only as directed

Manufacturer:

Intercontinental Lubricants Corp / Spectro Oils of America
993 Federal Road
Brookfield, CT 06804
(203) 775-1291 Fax: (203) 775-8720

Emergency Phone (Infotrac): 1 (800) 535-5053 (US and Canada)
1 (352) 323-3500 (International)

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SECTION 2 HAZARDS IDENTIFICATION

Classification:

Physical	Health
Flammable Liquid Category 4	Not Hazardous

Label Elements:

Warning!

H227 Combustible Liquid

Precautionary Phrases:

P210 Keep away from flames and hot surfaces. No smoking.

P280 Wear protective gloves, eye protection and face protection.

P370 + P378 In case of fire: Use water fog, foam, carbon dioxide, or dry chemical to extinguish.

P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents and container in accordance with local and national regulations.

SECTION 3 PRODUCT COMPONENTS

Chemical Name	CAS#	Concentration
Severely Refined Petroleum Oils	64742-70-7 64742-52-5	70-90%
Hydrotreated Light Petroleum Distillates	64742-47-8	10-20%
Proprietary Additives	Proprietary	1-10%

The specific identity and/or exact percentage has been withheld as a trade secret.

SECTION 4 EMERGENCY and FIRST AID PROCEDURES

Eye Contact: Flush eye with water for several minutes holding the eyelids apart. Get medical attention if irritation persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops.

Inhalation: Remove victim to fresh air. If irritation develops or breathing is difficult, get medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconsciousness person. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause mild eye irritation. Prolonged skin contact may cause irritation and drying of the skin. Excessive inhalation of vapor or mists may cause upper respiratory tract irritation and central nervous system effects. Swallowing may cause nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment, if necessary: None required under normal conditions of use.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

Suitable extinguishing media: Water fog, foam, carbon dioxide, dry chemical. Use of large amounts of water may cause product to float and spread fire.

Specific hazards arising from the chemical: Combustible liquid. May form combustible mixtures at temperatures at or above the flashpoint. At elevated temperatures containers may rupture. Combustion may produce carbon, nitrogen and sulfur oxides and hydrocarbon fragments.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective equipment. Remove all sources of ignition. Ventilate area. Wash thoroughly after handling.

Environmental hazards: Avoid release into the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Collect material for disposal using non-combustible absorbent material and place in a container suitable for flammable waste.

SECTION 7 HANDLING and STORAGE

Precautions for safe handling: Avoid contact with eyes and prolonged or repeated contact with skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use. Discard oil soaked shoes and other items than cannot be laundered.

Conditions for safe storage, including any incompatibilities: Store in a cool area away from heat, sparks, open flames and oxidizers. Protect containers from physical damage.

Empty containers retain product residues. Do not cut, weld, braze, etc. on or near empty containers. Follow all SDS precautions in handling empty containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Exposure Limits</u>
Severely Refined Petroleum Oils	64742-70-7	5 mg/m ³ TWA OSHA PEL
	64742-52-5	5 mg/m ³ TWA ACGIH TLV (inhalable)
Hydrotreated Light Petroleum Distillates	64742-47-8	1200 mg/m ³ TWA Manufacturer
Proprietary Additives	Proprietary	None Established

Appropriate engineering controls: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. . If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Respiratory protection: None needed under normal use conditions with adequate ventilation. If exposures are excessive, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: Nitrile rubber or other impervious gloves are recommended where prolonged or repeated skin contact is likely

Eye protection: Safety glasses or goggles if splashing is possible.

Other: Impervious apron, boots and other clothing are recommended if needed to avoid prolonged/repeated skin contact. Suitable washing facilities should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Green liquid

Odor: Mild petroleum odor.

Odor threshold: Not available	pH: Not available
Melting point/Pourpoint: 1.4°F (-17°C)	Boiling Point: >392°F (>200°C)
Flash point: 170°F (77°C)	Viscosity: 102 cSt @40°C
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: 0.9%	UEL: 7%
Vapor pressure: Not available	Vapor density (air =1): Not available
Relative density: 0.89	Solubility(ies): Not available
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Evaporation rate: Not available

SECTION 10 STABILITY and REACTIVITY

Reactivity: This product is not expected to react.

Chemical stability: The product is stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: Avoid heat, sparks and open flames.

Incompatible materials: Avoid strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon, nitrogen and sulfur oxides and hydrocarbon fragments.

SECTION 11 TOXICOLOGICAL INFORMATION

Health hazards:

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lipid pneumonia.

Skin Contact: Prolonged or repeated contact may cause mild irritation or dryness.

Eye Contact: May cause mild irritation.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Chronic Effects of Overexposure: Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

Sensitization: None of the components have been found to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity Values:

Severely Refined Petroleum Oils: Oral rat LD50 > 2000 mg/kg, Dermal rabbit LD50 >2000 mg/kg

Hydrotreated Light Petroleum Distillates: Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 >5 mg/L

Proprietary Additives: No toxicity data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Severely Refined Petroleum Oils: 96 hr LL50 Pimephales promelas > 100 mg/L, 48 hr EL50 daphnia magna > 10000 mg/L

Hydrotreated Light Petroleum Distillates: 96 hr LL0 Oncorhynchus mykiss > 1000 mg/L, 48 hr EL0 daphnia magna > 1000 mg/L, 72 hr EL0 Pseudokirchneriella subcapitata 1000 mg/L

Proprietary Additives: No toxicity data available

Persistence and degradability: Severely refined petroleum oils is not readily biodegradable. Hydrotreated light petroleum distillates are inherently biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: The product may float and can migrate from water to land.

Other adverse effects: None known.

SECTION 13: DISPOSAL INFORMATION

Waste Disposal Method: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated (Excepted from Hazmat 49 CFR 173.150(f))			
TDG		Excepted from Regulation (Section 1.33)			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Refer to Section 2 for OSHA Hazard Classification

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity:

Naphthalene	71-43-2	<5 ppm	Cancer, developmental, male reproductive toxicity
Ethylbenzene	100-41-4	<3 ppm	cancer

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

Canada CEPA: All of the components of this product are listed on the Canadian Domestic Substances List.

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 2 Reactivity: 0

Revision History:

10/27/15: Converted to GHS format. All section revised

10/02/17: Header, Section 1 Emergency Phone Number, Section 15 SARA 311, WHMIS